

25.4mm Dia., 3mm Thick, Uncoated, ISP Optics AMTIR-1 Window | AM-W-25-3



AMTIR-1 Windows

Stock **#16-797** 10 TO 12 DAYS

⊖ 1 ⊕

₹55,463.00

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Bevel: Protective as needed
Clear Aperture (%): 85
Clear Aperture CA (mm): 21.59
Diameter (mm): 25.40 +0.00/-0.13
Thickness (mm): 3.00 ±0.13

Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 12.6
Density (g/cm³): 4.43
Edges: Fine Ground
Index of Refraction n_d: 2.519 @ 3µm 2.503 @ 8µm 2.490 @ 12µm
Knoop Hardness (kg/mm²): 170
Parallelism (arcmin): <3
Poisson's Ratio: 0.215
Substrate: AMTIR-1 (Ge ₃₃ As ₁₂ Se ₅₅)
Surface Flatness (P-V): λ/10 @ 10.6µm
Surface Quality: 40-20
Type: Protective Window
Wavelength Range (nm): 750 - 14000
Young's Modulus (GPa): 21.2
Model Number: AM-W-25-3

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View